

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	908	382/275.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/06/17 09:34
S2	4	382/275.ccls. and white near correction	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/05/30 11:04
S3	1189	white near correction	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/05/30 11:04
S4	0	white near correction and (most adj significant adj bit)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/05/30 11:05
S5	0	white near correction and (most adj significant near bit)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/05/30 11:05
S6	29	white near correction and (most adj significant adj bit)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/05/30 11:05
S7	11	"5262873"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/06/17 11:03
S8	522	358/443.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/06/17 11:03

## EAST Search History

S9	253	358/443.ccls. and ((dark or black) near\$4 correct\$4) and (white near\$4 correction)	US_PGPUB; USPAT; USOOR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/06/17 11:05
S10	12	358/443.ccls. and ((dark or black) near\$4 correct\$4) and (white near\$4 correction) and LSB and MSB	US_PGPUB; USPAT; USOOR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/06/17 11:16
S11	5	358/463.ccls. and ((dark or black) near\$4 correct\$4) and (white near\$4 correction) and LSB and MSB	US_PGPUB; USPAT; USOOR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/06/17 11:29
S12	0	358/463.ccls. and ((dark or black) near correct\$4) and (white near correction) and LSB and MSB	US_PGPUB; USPAT; USOOR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/06/17 11:17
S13	1	358/406.ccls. and ((dark or black) near\$4 correct\$4) and (white near\$4 correction) and LSB and MSB	US_PGPUB; USPAT; USOOR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/06/17 11:29
S14	494	358/406.ccls. and ((dark or black) near\$4 correct\$4) and (white near\$4 correction)	US_PGPUB; USPAT; USOOR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/06/17 11:30
S15	690	358/406.ccls. and ((dark or black) near\$4 correct\$4) and (white near\$4 correction) (first near few near bits)	US_PGPUB; USPAT; USOOR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/06/17 11:30
S16	0	358/406.ccls. and ((dark or black) near\$4 correct\$4) and (white near\$4 correction) and (first near few near bits)	US_PGPUB; USPAT; USOOR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/06/17 11:30

## EAST Search History

S17	85	(scanning or scan) near (document or text) and correction near document	US_PGPUB; USPAT; USOOR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/11/07 15:53
S18	11	"5262873"	US_PGPUB; USPAT; USOOR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/11/07 14:02
S19	17	("4459488"   "4461956"   "4479149"   "4499547"   "4634886"   "4680644"   "4723129"   "4723166"   "4731665"   "4740796"   "4745488"   "4768085"   "4779137"   "4791469"   "4810896"   "5018198"   "5027117").PN.	US_PGPUB; USPAT; USOOR	OR	OFF	2005/11/07 14:03
S20	14	("4499547").URPN.	USPAT	OR	OFF	2005/11/07 14:35
S21	6	("3828175"   "3949162"   "4298887"   "4303984"   "4317134"   "4323977").PN.	US_PGPUB; USPAT; USOOR	OR	OFF	2005/11/07 14:36
S22	9	("5262873").URPN.	USPAT	OR	OFF	2005/11/07 14:39
S23	7	(scanning or scan) near (document or text) and (black or dark) same (lsb or last) near bits	US_PGPUB; USPAT; USOOR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/11/07 16:02
S24	25	(document or surface) and (black or dark) same (lsb or last) near bits	US_PGPUB; USPAT; USOOR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/11/07 16:11
S25	45	(black or dark) same (lsb or last) near bits	US_PGPUB; USPAT; USOOR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/11/07 16:15
S26	0	((black or dark) near (last) near bits) and ((white or bright) near (first) near bits)	US_PGPUB; USPAT; USOOR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/11/07 16:17

## EAST Search History

S27	0	((black or dark) near (lsb or last) near bits) and ((white or bright) near (msb or first) near bits)	US-PGPUB; USPAT; USOOR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/11/07 16:17
S28	5	((black or dark) near (lsb or last) near bits) or ((white or bright) near (msb or first) near bits)	US-PGPUB; USPAT; USOOR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/11/07 16:19
S29	164	((black or dark) same (lsb or last) near bits) or ((white or bright) same (msb or first) near bits)	US-PGPUB; USPAT; USOOR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/11/07 17:22
S30	47	((black or dark) same (lsb or last) near bits) or ((white or bright) same (msb or first) near bits) and (white near correction)	US-PGPUB; USPAT; USOOR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/11/07 17:15
S31	4	(((black or dark) same (lsb or last) near bits) or ((white or bright) same (msb or first) near bits)) and (white near correction)	US-PGPUB; USPAT; USOOR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/11/07 17:21
S32	7387	shading near correction	US-PGPUB; USPAT; USOOR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/11/07 17:23
S33	2	S29 and S32	US-PGPUB; USPAT; USOOR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/11/07 17:22
S34	649	shading near correction same white same black	US-PGPUB; USPAT; USOOR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/11/07 17:25

## EAST Search History

S35	268	shading near correction same white same black and document	US-PGPUB; USPAT; USOOR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/11/07 17:25
S36	123	shading near correction same white same black and document and bits	US-PGPUB; USPAT; USOOR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/11/07 17:26
S37	6	("3800078"   "4129853"   "4200934"   "4212072"   "4499547"   "4523229").PN.	US-PGPUB; USPAT; USOOR	OR	OFF	2005/11/08 11:25
S38	1352	358/406,443,463.col.s	US-PGPUB; USPAT; USOOR	OR	OFF	2005/11/08 12:12
S39	2135	((last or lsb) near bits and (first or msb) near bits	US-PGPUB; USPAT; USOOR	OR	OFF	2005/11/08 12:16
S40	6	extract\$4 near ((last or lsb) near bits and (first or msb) near bits	US-PGPUB; USPAT; USOOR	OR	OFF	2005/11/08 12:20
S41	40	extract\$4 near ((last or lsb) near bits or extract\$4 near ((first or msb) near bits	US-PGPUB; USPAT; USOOR	OR	OFF	2005/11/08 12:20
S42	40	(extract\$4 near ((last or lsb) near bits) or (extract\$4 near ((first or msb) near bits)	US-PGPUB; USPAT; USOOR	OR	OFF	2005/11/08 12:24
S43	20527	((last or lsb) near bits) or ((first or msb) near bits)	US-PGPUB; USPAT; USOOR	OR	OFF	2005/11/08 14:19
S44	4818	((last or lsb) near bits) or ((first or msb) near bits) and (shad\$3 near correct\$4)	US-PGPUB; USPAT; USOOR	OR	OFF	2005/11/08 12:25
S45	4818	((last or lsb) near bits) or ((first or msb) near bits) and (shad\$3 near correct\$4) and image	US-PGPUB; USPAT; USOOR	OR	OFF	2005/11/08 12:27
S46	80	(((last or lsb) near bits) or ((first or msb) near bits)) and (shad\$3 near correct\$4) and image	US-PGPUB; USPAT; USOOR	OR	OFF	2005/11/08 13:32
S47	56	(extract\$4 near ((last or lsb) near bits) or ((first or msb) near bits)) and (shad\$3 near correct\$4) and image	US-PGPUB; USPAT; USOOR	OR	OFF	2005/11/08 13:34
S48	56	(extract\$4 near ((last or lsb) near bits) or ((first or msb) near bits)) and ((shad\$3 near correct\$4) and image)	US-PGPUB; USPAT; USOOR	OR	OFF	2005/11/08 13:36

## EAST Search History

S49	0	((extract\$4 near (last or lsb) near bits) or (extract\$4 near (first or msb) near bits)) and ((shad\$3 near correct\$4) and image)	US-PGPUB; USPAT; USOCR	OR	OFF	2005/11/08 13:38
S50	7	((extract\$4 near (last or lsb) near bits) or (extract\$4 near (first or msb) near bits)) and (image)	US-PGPUB; USPAT; USOCR	OR	OFF	2005/11/08 13:39
S51	40	((extract\$4 near (last or lsb) near bits) or (extract\$4 near (first or msb) near bits))	US-PGPUB; USPAT; USOCR	OR	OFF	2005/11/08 13:39
S52	7250	((last or lsb) near bits) or ((first or msb) near bits) and compression	US-PGPUB; USPAT; USOCR	OR	OFF	2005/11/08 14:20
S53	6123	((last or lsb) near bits) or ((first or msb) near bits) and compression and image	US-PGPUB; USPAT; USOCR	OR	OFF	2005/11/08 14:20
S54	4788	((last or lsb) near bits) or ((first or msb) near bits) and compression and image and shaing same correction	US-PGPUB; USPAT; USOCR	OR	OFF	2005/11/08 14:20
S55	4798	((last or lsb) near bits) or ((first or msb) near bits) and compression and image and shading same correction	US-PGPUB; USPAT; USOCR	OR	OFF	2005/11/08 14:21
S56	15	(((last or lsb) near bits) or ((first or msb) near bits)) and compression and image and shading same correction	US-PGPUB; USPAT; USOCR	OR	OFF	2005/11/08 15:57
S57	0	higher near order near white near bits or (lower near order near black near bits)	US-PGPUB; USPAT; USOCR	OR	OFF	2005/11/08 15:58
S58	0	higher near order same white near bits or (lower near order near black near bits)	US-PGPUB; USPAT; USOCR	OR	OFF	2005/11/08 15:58
S59	382	higher near order same white near bits or (lower near ordersame black near bits)	US-PGPUB; USPAT; USOCR	OR	OFF	2005/11/08 15:58
S60	0	higher near order same white near bits or (lower near order same black near bits)	US-PGPUB; USPAT; USOCR	OR	OFF	2005/11/08 15:59
S61	5	(((higher near order) or MSB or first) near white near bits) or (((lower near order) or LSB or last) near black near bits)	US-PGPUB; USPAT; USOCR	OR	OFF	2005/11/08 16:03
S62	0	(((lower near order) or LSB or last) near black near bits)	US-PGPUB; USPAT; USOCR	OR	OFF	2005/11/08 16:04
S63	43	(((lower near order) or LSB or last) same black near bits)	US-PGPUB; USPAT; USOCR	OR	OFF	2005/11/08 16:22
S64	945	382/275.ccls.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/11/08 16:22

## EAST Search History

S65	99	("5606321" "4571573" "5260561" "5268773" "5721830" "4491963" "4814877" "4888790" "4980778" "5237172" "5243445" "5331442" "5369423" "5517526" "5534916" "5572554" "5589954" "5625467" "5684842" "5712930" "5767991" "5808752" "5859712" "5870433" "5937232" "5987186" "5999275" "6031871" "6122406" "6198908" "4250488" "4255778" "4298807" "4352984" "4479194" "4524388" "4554583" "4583120" "4602291" "4806780" "4833533" "4838574" "4871896" "4873428" "4888492" "4906916" "4910467" "4926251" "4928230" "4961204").pn.	US_PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/11/08 16:43
S66	945	382/275.ccls.	US_PGPUB; USPAT; USOCR	OR	OFF	2005/11/08 19:32
S67	21	image near fusion and image\$2 near rotation	US_PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/11/17 15:50
S68	1	image near fusion and image\$2 near rotation same offset	US_PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/11/17 15:50
S69	2	image same fusion and image\$2 near rotation same offset	US_PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/11/17 15:52
S70	6	image same fusion and (image\$2 near rotat\$3) same offset	US_PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/11/17 16:07
S71	2	("6690839").PN.	US_PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/11/17 16:08

## EAST Search History

S72	2	("4343021").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/11/17 16:08
S73	2	("4747146").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/11/17 16:09
S74	2	("6859565").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/11/17 16:09
S75	2	("6285410").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/11/17 16:09
S76	2	("6016354").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/11/17 16:10
S77	2444	(last or lsb) near bits and (first or msb) near bits	US-PGPUB; USPAT; USOCR	OR	OFF	2006/11/02 17:44
S78	90	((last or lsb) near bits) or ((first or msb) near bits)) and (shad\$3 near correct\$4) and image	US-PGPUB; USPAT; USOCR	OR	OFF	2006/11/02 17:45
S79	5	"5041993"	US-PGPUB; USPAT; USOCR	OR	OFF	2006/11/06 14:15
S80	2	("5493643").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/11/06 14:16
S81	2	("5325485").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/11/06 14:16

## EAST Search History

S82	2	("5434629").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/11/06 14:17
S83	2	("5371896").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/11/06 14:17
S84	2	("5444709").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/11/06 14:18
S85	2	("6526163").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/11/06 14:18
S86	2	("6373529").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/11/06 14:18
S87	2753	(last or lsb) near bits and (first or msb) near bits	US-PGPUB; USPAT; USOCR	OR	OFF	2007/11/06 14:57
S88	53	extract\$4 near (last or lsb) near bits or extract\$4 near (first or msb) near bits	US-PGPUB; USPAT; USOCR	OR	OFF	2007/11/06 14:59
S89	102	((last or lsb) near bits) or ((first or msb) near bits)) and (shad\$3 near correct\$4) and image	US-PGPUB; USPAT; USOCR	OR	OFF	2007/11/06 15:37
S90	76	(extract\$4 near ((last or lsb) near bits) or ((first or msb) near bits)) and (shad\$3 near correct\$4) and image	US-PGPUB; USPAT; USOCR	OR	OFF	2007/11/06 16:01
S91	1381	382/275.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/11/06 16:22

## EAST Search History

S92	10	382/275.ccls. and white near correction	US_PGPUB; USPAT; USOOR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/11/06 16:22
S93	1698	white near correction	US_PGPUB; USPAT; USOOR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/11/06 16:22
S94	0	white near correction and (most adj significant adj bit)	US_PGPUB; USPAT; USOOR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/11/06 16:22
S95	0	white near correction and (most adj significant near bit)	US_PGPUB; USPAT; USOOR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/11/06 16:22
S96	37	white near correction and (most adj significant adj bit)	US_PGPUB; USPAT; USOOR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/11/06 16:22
S97	11	"5262873"	US_PGPUB; USPAT; USOOR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/11/06 16:22
S98	565	358/443.ccls.	US_PGPUB; USPAT; USOOR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/11/06 16:22
S99	275	358/443.ccls. and ((dark or black) near\$4 correct\$4) and (white near\$4 correction)	US_PGPUB; USPAT; USOOR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/11/06 16:22

## EAST Search History

S10 0	14	358/443.ccls. and ((dark or black) near\$4 correct\$4) and (white near\$4 correction) and LSB and MSB	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/11/06 16:22
S10 1	9	358/463.ccls. and ((dark or black) near\$4 correct\$4) and (white near\$4 correction) and LSB and MSB	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/11/06 16:22
S10 2	0	358/463.ccls. and ((dark or black) near correct\$4) and (white near correction) and LSB and MSB	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/11/06 16:22
S10 3	1	358/406.ccls. and ((dark or black) near\$4 correct\$4) and (white near\$4 correction) and LSB and MSB	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/11/06 16:22
S10 4	608	358/406.ccls. and ((dark or black) near\$4 correct\$4) and (white near\$4 correction)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/11/06 16:22
S10 5	855	358/406.ccls. and ((dark or black) near\$4 correct\$4) and (white near\$4 correction) (first near few near bits)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/11/06 16:22
S10 6	0	358/406.ccls. and ((dark or black) near\$4 correct\$4) and (white near\$4 correction) and (first near few near bits)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/11/06 16:22
S10 7	110	(scanning or scan) near (document or text) and correction near document	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/11/06 16:22

## EAST Search History

S10 8	11	"5262873"	US_PGPUB; USPAT; USOOR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/11/06 16:22
S10 9	17	("4459488"   "4461956"   "4479149"   "4499547"   "4634886"   "4680644"   "4723129"   "4723166"   "4731665"   "4740796"   "4745488"   "4768085"   "4779137"   "4791469"   "4810896"   "5018198"   "5027117").PN.	US_PGPUB; USPAT; USOOR	OR	OFF	2007/11/06 16:22
S11 0	15	("4499547").URPN.	USPAT	OR	OFF	2007/11/06 16:22
S11 1	6	("3828175"   "3949162"   "4298887"   "4303984"   "4317134"   "4323977").PN.	US_PGPUB; USPAT; USOOR	OR	OFF	2007/11/06 16:22
S11 2	9	("5262873").URPN.	USPAT	OR	OFF	2007/11/06 16:22
S11 3	7	(scanning or scan) near (document or text) and (black or dark) same (lsb or last) near bits	US_PGPUB; USPAT; USOOR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/11/06 16:22
S11 4	32	(document or surface) and (black or dark) same (lsb or last) near bits	US_PGPUB; USPAT; USOOR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/11/06 16:22
S11 5	55	(black or dark) same (lsb or last) near bits	US_PGPUB; USPAT; USOOR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/11/06 16:22
S11 6	0	((black or dark) near (last) near bits) and ((white or bright) near (first) near bits)	US_PGPUB; USPAT; USOOR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/11/06 16:22
S11 7	0	((black or dark) near (lsb or last) near bits) and ((white or bright) near (msb or first) near bits)	US_PGPUB; USPAT; USOOR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/11/06 16:22

## EAST Search History

S11 8	5	((black or dark) near (lsb or last) near bits) or ((white or bright) near (msb or first) near bits)	US-PGPUB; USPAT; USOOR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/11/06 16:22
S11 9	195	((black or dark) same (lsb or last) near bits) or ((white or bright) same (msb or first) near bits)	US-PGPUB; USPAT; USOOR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/11/06 16:22
S12 0	57	((black or dark) same (lsb or last) near bits) or ((white or bright) same (msb or first) near bits) and (white near correction)	US-PGPUB; USPAT; USOOR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/11/06 16:22
S12 1	4	(((black or dark) same (lsb or last) near bits) or ((white or bright) same (msb or first) near bits)) and (white near correction)	US-PGPUB; USPAT; USOOR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/11/06 16:22
S12 2	8884	shading near correction	US-PGPUB; USPAT; USOOR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/11/06 16:54
S12 3	2	S119 and S122	US-PGPUB; USPAT; USOOR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/11/06 16:22
S12 4	737	shading near correction same white same black	US-PGPUB; USPAT; USOOR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/11/06 16:22
S12 5	328	shading near correction same white same black and document	US-PGPUB; USPAT; USOOR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/11/06 16:22

## EAST Search History

S12 6	146	shading near correction same white same black and document and bits	US-PGPUB; USPAT; USCOR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/11/06 16:22
S12 7	6	("3800078"   "4129853"   "4200934"   "4212072"   "4499547"   "4523229").PN.	US-PGPUB; USPAT; USCOR	OR	OFF	2007/11/06 16:22
S12 8	1567	358/406,443,463.ccls.	US-PGPUB; USPAT; USCOR	OR	OFF	2007/11/06 16:22
S12 9	2753	(last or lsb) near bits and (first or msb) near bits	US-PGPUB; USPAT; USCOR	OR	OFF	2007/11/06 16:22
S13 0	6	extract\$4 near (last or lsb) near bits and (first or msb) near bits	US-PGPUB; USPAT; USCOR	OR	OFF	2007/11/06 16:22
S13 1	53	extract\$4 near (last or lsb) near bits or extract\$4 near (first or msb) near bits	US-PGPUB; USPAT; USCOR	OR	OFF	2007/11/06 16:22
S13 2	53	(extract\$4 near (last or lsb) near bits) or (extract\$4 near (first or msb) near bits)	US-PGPUB; USPAT; USCOR	OR	OFF	2007/11/06 16:22
S13 3	25445	((last or lsb) near bits) or ((first or msb) near bits)	US-PGPUB; USPAT; USCOR	OR	OFF	2007/11/06 16:22
S13 4	6140	((last or lsb) near bits) or ((first or msb) near bits) and (shad\$3 near correct\$4) and image	US-PGPUB; USPAT; USCOR	OR	OFF	2007/11/06 16:22
S13 5	6140	((last or lsb) near bits) or ((first or msb) near bits) and (shad\$3 near correct\$4)	US-PGPUB; USPAT; USCOR	OR	OFF	2007/11/06 16:22
S13 6	102	(((last or lsb) near bits) or ((first or msb) near bits)) and (shad\$3 near correct\$4) and image	US-PGPUB; USPAT; USCOR	OR	OFF	2007/11/06 16:22
S13 7	76	(extract\$4 near ((last or lsb) near bits) or ((first or msb) near bits)) and (shad\$3 near correct\$4) and image	US-PGPUB; USPAT; USCOR	OR	OFF	2007/11/06 16:22
S13 8	76	(extract\$4 near ((last or lsb) near bits) or ((first or msb) near bits)) and ((shad\$3 near correct\$4) and image)	US-PGPUB; USPAT; USCOR	OR	OFF	2007/11/06 16:22
S13 9	0	((extract\$4 near (last or lsb) near bits) or (extract\$4 near (first or msb) near bits)) and ((shad\$3 near correct\$4) and image)	US-PGPUB; USPAT; USCOR	OR	OFF	2007/11/06 16:22
S14 0	9	((extract\$4 near (last or lsb) near bits) or (extract\$4 near (first or msb) near bits)) and (image)	US-PGPUB; USPAT; USCOR	OR	OFF	2007/11/06 16:22

## EAST Search History

S14 1	53	((extract\$4 near (last or lsb) near bits) or (extract\$4 near (first or msb) near bits))	US-PGPUB; USPAT; USOOR	OR	OFF	2007/11/06 16:22
S14 2	9165	((last or lsb) near bits) or ((first or msb) near bits) and compression	US-PGPUB; USPAT; USOOR	OR	OFF	2007/11/06 16:22
S14 3	7796	((last or lsb) near bits) or ((first or msb) near bits) and compression and image	US-PGPUB; USPAT; USOOR	OR	OFF	2007/11/06 16:22
S14 4	6104	((last or lsb) near bits) or ((first or msb) near bits) and compression and image and shaing same correction	US-PGPUB; USPAT; USOOR	OR	OFF	2007/11/06 16:22
S14 5	18	(((last or lsb) near bits) or ((first or msb) near bits)) and compression and image and shading same correction	US-PGPUB; USPAT; USOOR	OR	OFF	2007/11/06 16:22
S14 6	6117	((last or lsb) near bits) or ((first or msb) near bits) and compression and image and shading same correction	US-PGPUB; USPAT; USOOR	OR	OFF	2007/11/06 16:22
S14 7	0	higher near order near white near bits or (lower near order near black near bits)	US-PGPUB; USPAT; USOOR	OR	OFF	2007/11/06 16:22
S14 8	1	higher near order same white near bits or (lower near order near black near bits)	US-PGPUB; USPAT; USOOR	OR	OFF	2007/11/06 16:22
S14 9	415	higher near order same white near bits or (lower near ordersame black near bits)	US-PGPUB; USPAT; USOOR	OR	OFF	2007/11/06 16:22
S15 0	1	higher near order same white near bits or (lower near order same black near bits)	US-PGPUB; USPAT; USOOR	OR	OFF	2007/11/06 16:22
S15 1	5	(((higher near order) or MSB or first) near white near bits) or (((lower near order) or LSB or last) near black near bits)	US-PGPUB; USPAT; USOOR	OR	OFF	2007/11/06 16:22
S15 2	0	(((lower near order) or LSB or last) near black near bits)	US-PGPUB; USPAT; USOOR	OR	OFF	2007/11/06 16:22
S15 3	48	(((lower near order) or LSB or last) same black near bits)	US-PGPUB; USPAT; USOOR	OR	OFF	2007/11/06 16:22
S15 4	1338	382/275.ccls.	US-PGPUB; USPAT; USOOR	OR	OFF	2007/11/06 16:22

## EAST Search History

S15 5	99	(("5606321" "4571573" "5260561" "5268773" "5721830" "4491963" "4814877" "4888790" "4980778" "5237172" "5243445" "5331442" "5369423" "5517526" "5534916" "5572554" "5589954" "5625467" "5684842" "5712930" "5767991" "5808752" "5859712" "5870433" "5937232" "5987186" "5999275" "6031871" "6122406" "6198908" "4250488" "4255778" "4298807" "4352984" "4479194" "4524388" "4554583" "4583120" "4602291" "4806780" "4833533" "4838574" "4871896" "4873428" "4888492" "4906916" "4910467" "4926251" "4928230" "4961204").pn.	US_PGPUB; USPAT; USOOR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/11/06 16:22
S15 6	1338	382/275.ccls.	US_PGPUB; USPAT; USOOR	OR	OFF	2007/11/06 16:22
S15 7	31	image near fusion and image\$2 near rotation	US_PGPUB; USPAT; USOOR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/11/06 16:22
S15 8	1	image near fusion and image\$2 near rotation same offset	US_PGPUB; USPAT; USOOR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/11/06 16:22
S15 9	2	image same fusion and image\$2 near rotation same offset	US_PGPUB; USPAT; USOOR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/11/06 16:22
S16 0	6	image same fusion and (image\$2 near rotat\$3) same offset	US_PGPUB; USPAT; USOOR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/11/06 16:22
S16 1	2	("6690839").PN.	US_PGPUB; USPAT; USOOR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/11/06 16:22

## EAST Search History

S16 2	2	("4343021").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/11/06 16:22
S16 3	2	("4747146").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/11/06 16:22
S16 4	2	("6859565").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/11/06 16:22
S16 5	2	("6285410").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/11/06 16:22
S16 6	2	("6016354").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/11/06 16:22
S16 7	102	((last or lsb) near bits) or ((first or msb) near bits) and (shad\$3 near correct\$4) and image	US-PGPUB; USPAT; USOCR	OR	OFF	2007/11/06 16:22
S16 8	2753	(last or lsb) near bits and (first or msb) near bits	US-PGPUB; USPAT; USOCR	OR	OFF	2007/11/06 16:22
S16 9	5	"5041993"	US-PGPUB; USPAT; USOCR	OR	OFF	2007/11/06 16:22
S17 0	2	("5493643").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/11/06 16:22
S17 1	2	("5325485").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/11/06 16:22

## EAST Search History

S17 2	2	("5434629").PN.	US-PGPUB; USPAT; USOOR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/11/06 16:22
S17 3	2	("5371896").PN.	US-PGPUB; USPAT; USOOR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/11/06 16:22
S17 4	2	("5444709").PN.	US-PGPUB; USPAT; USOOR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/11/06 16:23
S17 5	2	("6526163").PN.	US-PGPUB; USPAT; USOOR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/11/06 16:23
S17 6	2	("6373529").PN.	US-PGPUB; USPAT; USOOR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/11/06 16:23
S17 7	22	tom near3 chang	US-PGPUB; USPAT; USOOR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/11/06 16:55
S17 8	1472	382/275.ccls.	US-PGPUB; USPAT; USOOR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/04/02 15:37
S17 9	12	382/275.ccls. and white near correction	US-PGPUB; USPAT; USOOR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/04/02 15:37

## EAST Search History

S18 0	1798	white near correction	US_PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/04/02 15:37
S18 1	0	white near correction and (most adj significant adj bit)	US_PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/04/02 15:37
S18 2	0	white near correction and (most adj significant near bit)	US_PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/04/02 15:37
S18 3	38	white near correction and (most adj significant adj bit)	US_PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/04/02 15:37
S18 4	11	"5262873"	US_PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/04/02 15:37
S18 5	577	358/443.ccls.	US_PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/04/02 15:37
S18 6	284	358/443.ccls. and ((dark or black) near\$4 correct\$4) and (white near\$4 correction)	US_PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/04/02 15:37
S18 7	14	358/443.ccls. and ((dark or black) near\$4 correct\$4) and (white near\$4 correction) and LSB and MSB	US_PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/04/02 15:37

## EAST Search History

S18 8	10	358/463.ccls. and ((dark or black) near\$4 correct\$4) and (white near\$4 correction) and LSB and MSB	US_PGPUB; USPAT; USOOR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/04/02 15:37
S18 9	0	358/463.ccls. and ((dark or black) near correct\$4) and (white near correction) and LSB and MSB	US_PGPUB; USPAT; USOOR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/04/02 15:37
S19 0	2	358/406.ccls. and ((dark or black) near\$4 correct\$4) and (white near\$4 correction) and LSB and MSB	US_PGPUB; USPAT; USOOR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/04/02 15:37
S19 1	619	358/406.ccls. and ((dark or black) near\$4 correct\$4) and (white near\$4 correction)	US_PGPUB; USPAT; USOOR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/04/02 15:37
S19 2	881	358/406.ccls. and ((dark or black) near\$4 correct\$4) and (white near\$4 correction) (first near few near bits)	US_PGPUB; USPAT; USOOR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/04/02 15:37
S19 3	0	358/406.ccls. and ((dark or black) near\$4 correct\$4) and (white near\$4 correction) and (first near few near bits)	US_PGPUB; USPAT; USOOR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/04/02 15:37
S19 4	113	(scanning or scan) near (document or text) and correction near document	US_PGPUB; USPAT; USOOR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/04/02 15:37
S19 5	11	"5262873"	US_PGPUB; USPAT; USOOR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/04/02 15:37

## EAST Search History

S19 6	17	("4459488"   "4461956"   "4479149"   "4499547"   "4634886"   "4680644"   "4723129"   "4723166"   "4731665"   "4740796"   "4745488"   "4768085"   "4779137"   "4791469"   "4810896"   "5018198"   "5027117").PN.	US_PGPUB; USPAT; USOCR	OR	OFF	2008/04/02 15:37
S19 7	15	("4499547").URPN.	USPAT	OR	OFF	2008/04/02 15:37
S19 8	6	("3828175"   "3949162"   "4298887"   "4303984"   "4317134"   "4323977").PN.	US_PGPUB; USPAT; USOCR	OR	OFF	2008/04/02 15:37
S19 9	9	("5262873").URPN.	USPAT	OR	OFF	2008/04/02 15:37
S20 0	7	(scanning or scan) near (document or text) and (black or dark) same (lsb or last) near bits	US_PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/04/02 15:37
S20 1	32	(document or surface) and (black or dark) same (lsb or last) near bits	US_PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/04/02 15:37
S20 2	57	(black or dark) same (lsb or last) near bits	US_PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/04/02 15:37
S20 3	0	((black or dark) near (last) near bits) and ((white or bright) near (first) near bits)	US_PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/04/02 15:37
S20 4	0	((black or dark) near (lsb or last) near bits) and ((white or bright) near (msb or first) near bits)	US_PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/04/02 15:37
S20 5	5	((black or dark) near (lsb or last) near bits) or ((white or bright) near (msb or first) near bits)	US_PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/04/02 15:37

## EAST Search History

S20 6	197	((black or dark) same (lsb or last) near bits) or ((white or bright) same (msb or first) near bits)	US_PGPUB; USPAT; USOOR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/04/02 15:37
S20 7	59	((black or dark) same (lsb or last) near bits) or ((white or bright) same (msb or first) near bits) and (white near correction)	US_PGPUB; USPAT; USOOR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/04/02 15:37
S20 8	4	(((black or dark) same (lsb or last) near bits) or ((white or bright) same (msb or first) near bits)) and (white near correction)	US_PGPUB; USPAT; USOOR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/04/02 15:37
S20 9	9152	shading near correction	US_PGPUB; USPAT; USOOR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/04/02 15:37
S21 0	2	S206 and S209	US_PGPUB; USPAT; USOOR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/04/02 15:37
S21 1	759	shading near correction same white same black	US_PGPUB; USPAT; USOOR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/04/02 15:37
S21 2	344	shading near correction same white same black and document	US_PGPUB; USPAT; USOOR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/04/02 15:37
S21 3	149	shading near correction same white same black and document and bits	US_PGPUB; USPAT; USOOR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/04/02 15:37
S21 4	6	("3800078"   "4129853"   "4200934"   "4212072"   "4499547"   "4523229").PN.	US_PGPUB; USPAT; USOOR	OR	OFF	2008/04/02 15:37

## EAST Search History

S21 5	1610	358/406,443,463.ccls.	US-PGPUB; USPAT; USOOR	OR	OFF	2008/04/02 15:37
S21 6	2870	((last or lsb) near bits and (first or msb) near bits	US-PGPUB; USPAT; USOOR	OR	OFF	2008/04/02 15:37
S21 7	6	extract\$4 near ((last or lsb) near bits and (first or msb) near bits	US-PGPUB; USPAT; USOOR	OR	OFF	2008/04/02 15:37
S21 8	60	extract\$4 near ((last or lsb) near bits or extract\$4 near ((first or msb) near bits	US-PGPUB; USPAT; USOOR	OR	OFF	2008/04/02 15:37
S21 9	60	((extract\$4 near ((last or lsb) near bits) or (extract\$4 near ((first or msb) near bits)	US-PGPUB; USPAT; USOOR	OR	OFF	2008/04/02 15:37
S22 0	26485	((((last or lsb) near bits) or (((first or msb) near bits)	US-PGPUB; USPAT; USOOR	OR	OFF	2008/04/02 15:37
S22 1	6420	((((last or lsb) near bits) or (((first or msb) near bits) and (shad\$3 near correct\$4)	US-PGPUB; USPAT; USOOR	OR	OFF	2008/04/02 15:37
S22 2	6420	((((last or lsb) near bits) or (((first or msb) near bits) and (shad\$3 near correct\$4) and image	US-PGPUB; USPAT; USOOR	OR	OFF	2008/04/02 15:37
S22 3	103	((((last or lsb) near bits) or (((first or msb) near bits) and (shad\$3 near correct\$4) and image	US-PGPUB; USPAT; USOOR	OR	OFF	2008/04/02 15:37
S22 4	77	((extract\$4 near ((last or lsb) near bits) or (((first or msb) near bits)) and (shad\$3 near correct\$4) and image	US-PGPUB; USPAT; USOOR	OR	OFF	2008/04/02 15:37
S22 5	77	((extract\$4 near ((last or lsb) near bits) or (((first or msb) near bits)) and ((shad\$3 near correct\$4) and image)	US-PGPUB; USPAT; USOOR	OR	OFF	2008/04/02 15:37
S22 6	0	((((extract\$4 near ((last or lsb) near bits) or (extract\$4 near ((first or msb) near bits)) and ((shad\$3 near correct\$4) and image)	US-PGPUB; USPAT; USOOR	OR	OFF	2008/04/02 15:37
S22 7	9	((((extract\$4 near ((last or lsb) near bits) or (extract\$4 near ((first or msb) near bits)) and (image)	US-PGPUB; USPAT; USOOR	OR	OFF	2008/04/02 15:37
S22 8	60	((((extract\$4 near ((last or lsb) near bits) or (extract\$4 near ((first or msb) near bits))	US-PGPUB; USPAT; USOOR	OR	OFF	2008/04/02 15:37
S22 9	9570	((((last or lsb) near bits) or (((first or msb) near bits) and compression	US-PGPUB; USPAT; USOOR	OR	OFF	2008/04/02 15:37
S23 0	8143	((((last or lsb) near bits) or (((first or msb) near bits) and compression and image	US-PGPUB; USPAT; USOOR	OR	OFF	2008/04/02 15:37

## EAST Search History

S23 1	6384	((last or lsb) near bits) or ((first or msb) near bits) and compression and image and shaing same correction	US-PGPUB; USPAT; USOOR	OR	OFF	2008/04/02 15:37
S23 2	6397	(((last or lsb) near bits) or ((first or msb) near bits) and compression and image and shading same correction	US-PGPUB; USPAT; USOOR	OR	OFF	2008/04/02 15:37
S23 3	18	(((last or lsb) near bits) or ((first or msb) near bits)) and compression and image and shading same correction	US-PGPUB; USPAT; USOOR	OR	OFF	2008/04/02 15:37
S23 4	0	higher near order near white near bits or (lower near order near black near bits)	US-PGPUB; USPAT; USOOR	OR	OFF	2008/04/02 15:37
S23 5	1	higher near order same white near bits or (lower near order near black near bits)	US-PGPUB; USPAT; USOOR	OR	OFF	2008/04/02 15:37
S23 6	423	higher near order same white near bits or (lower near ordersame black near bits)	US-PGPUB; USPAT; USOOR	OR	OFF	2008/04/02 15:37
S23 7	1	higher near order same white near bits or (lower near order same black near bits)	US-PGPUB; USPAT; USOOR	OR	OFF	2008/04/02 15:37
S23 8	5	(((higher near order) or MSB or first) near white near bits) or (((lower near order) or LSB or last) near black near bits)	US-PGPUB; USPAT; USOOR	OR	OFF	2008/04/02 15:37
S23 9	0	(((lower near order) or LSB or last) near black near bits)	US-PGPUB; USPAT; USOOR	OR	OFF	2008/04/02 15:37
S24 0	49	(((lower near order) or LSB or last) same black near bits)	US-PGPUB; USPAT; USOOR	OR	OFF	2008/04/02 15:37
S24 1	1429	382/275.ccls.	US-PGPUB; USPAT; USOOR	OR	OFF	2008/04/02 15:37
S24 2	99	("5606321" "4571573" "5260561" "5268773" "5721830" "4491963" "4814877" "4888790" "4980778" "5237172" "5243445" "5331442" "5369423" "5517526" "5534916" "5572554" "5589954" "5625467" "5684842" "5712930" "5767991" "5808752" "5859712" "5870433" "5937232" "5987186" "5999275" "6031871" "6122406" "6198908" "4250488" "4255778" "4298807" "4352984" "4479194" "4524388" "4554583" "4583120" "4602291" "4806780" "4833533" "4838574" "4871896" "4873428" "4888492" "4906916" "4910467" "4926251" "4928230" "4961204").pn.	US-PGPUB; USPAT; USOOR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/04/02 15:37

## EAST Search History

S24 3	1429	382/275.ccls.	US_PGPUB; USPAT; USOOR	OR	OFF	2008/04/02 15:37
S24 4	33	image near fusion and image\$2 near rotation	US_PGPUB; USPAT; USOOR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/04/02 15:37
S24 5	1	image near fusion and image\$2 near rotation same offset	US_PGPUB; USPAT; USOOR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/04/02 15:37
S24 6	2	image same fusion and image\$2 near rotation same offset	US_PGPUB; USPAT; USOOR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/04/02 15:37
S24 7	6	image same fusion and (image\$2 near rotat\$3) same offset	US_PGPUB; USPAT; USOOR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/04/02 15:37
S24 8	2	("6690839").PN.	US_PGPUB; USPAT; USOOR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/04/02 15:37
S24 9	2	("4343021").PN.	US_PGPUB; USPAT; USOOR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/04/02 15:37
S25 0	2	("4747146").PN.	US_PGPUB; USPAT; USOOR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/04/02 15:37
S25 1	2	("6859565").PN.	US_PGPUB; USPAT; USOOR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/04/02 15:37

## EAST Search History

S25 2	2	("6285410").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/04/02 15:37
S25 3	2	("6016354").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/04/02 15:37
S25 4	2870	((last or lsb) near bits and (first or msb) near bits	US-PGPUB; USPAT; USOCR	OR	OFF	2008/04/02 15:37
S25 5	103	(((last or lsb) near bits) or ((first or msb) near bits)) and (shad\$3 near correct\$4) and image	US-PGPUB; USPAT; USOCR	OR	OFF	2008/04/02 15:37
S25 6	5	"5041993"	US-PGPUB; USPAT; USOCR	OR	OFF	2008/04/02 15:37
S25 7	2	("5493643").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/04/02 15:37
S25 8	2	("5325485").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/04/02 15:37
S25 9	2	("5434629").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/04/02 15:37
S26 0	2	("5371896").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/04/02 15:37
S26 1	2	("5444709").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/04/02 15:37

## EAST Search History

S26 2	2	("6526163").PN.	US_PGPUB; USPAT; USOOR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/04/02 15:37
S26 3	2	("6373529").PN.	US_PGPUB; USPAT; USOOR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/04/02 15:37
S26 4	2870	((last or lsb) near bits and (first or msb) near bits	US_PGPUB; USPAT; USOOR	OR	OFF	2008/04/02 15:37
S26 5	60	extract\$4 near ((last or lsb) near bits or extract\$4 near (first or msb) near bits	US_PGPUB; USPAT; USOOR	OR	OFF	2008/04/02 15:37
S26 6	103	((((last or lsb) near bits) or ((first or msb) near bits)) and (shad\$3 near correct\$4) and image	US_PGPUB; USPAT; USOOR	OR	OFF	2008/04/02 15:37
S26 7	77	(extract\$4 near ((last or lsb) near bits) or ((first or msb) near bits)) and (shad\$3 near correct\$4) and image	US_PGPUB; USPAT; USOOR	OR	OFF	2008/04/02 15:37
S26 8	1472	382/275.ccls.	US_PGPUB; USPAT; USOOR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/04/02 15:37
S26 9	12	382/275.ccls. and white near correction	US_PGPUB; USPAT; USOOR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/04/02 15:37
S27 0	1798	white near correction	US_PGPUB; USPAT; USOOR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/04/02 15:37
S27 1	0	white near correction and (most adj significant adj bit)	US_PGPUB; USPAT; USOOR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/04/02 15:37

## EAST Search History

S27 2	0	white near correction and (most adj significant near bit)	US_PGPUB; USPAT; USOOR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/04/02 15:37
S27 3	38	white near correction and (most adj significant adj bit)	US_PGPUB; USPAT; USOOR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/04/02 15:37
S27 4	11	"5262873"	US_PGPUB; USPAT; USOOR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/04/02 15:37
S27 5	577	358/443.ccls.	US_PGPUB; USPAT; USOOR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/04/02 15:37
S27 6	284	358/443.ccls. and ((dark or black) near\$4 correct\$4) and (white near\$4 correction)	US_PGPUB; USPAT; USOOR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/04/02 15:37
S27 7	14	358/443.ccls. and ((dark or black) near\$4 correct\$4) and (white near\$4 correction) and LSB and MSB	US_PGPUB; USPAT; USOOR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/04/02 15:37
S27 8	10	358/463.ccls. and ((dark or black) near\$4 correct\$4) and (white near\$4 correction) and LSB and MSB	US_PGPUB; USPAT; USOOR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/04/02 15:37
S27 9	0	358/463.ccls. and ((dark or black) near correct\$4) and (white near correction) and LSB and MSB	US_PGPUB; USPAT; USOOR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/04/02 15:37

## EAST Search History

S28 0	2	358/406.ccls. and ((dark or black) near\$4 correct\$4) and (white near\$4 correction) and LSB and MSB	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/04/02 15:37
S28 1	619	358/406.ccls. and ((dark or black) near\$4 correct\$4) and (white near\$4 correction)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/04/02 15:37
S28 2	881	358/406.ccls. and ((dark or black) near\$4 correct\$4) and (white near\$4 correction) (first near few near bits)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/04/02 15:37
S28 3	0	358/406.ccls. and ((dark or black) near\$4 correct\$4) and (white near\$4 correction) and (first near few near bits)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/04/02 15:37
S28 4	113	(scanning or scan) near (document or text) and correction near document	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/04/02 15:37
S28 5	11	"5262873"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/04/02 15:37
S28 6	17	("4459488"   "4461956"   "4479149"   "4499547"   "4634886"   "4680644"   "4723129"   "4723166"   "4731665"   "4740796"   "4745488"   "4768085"   "4779137"   "4791469"   "4810896"   "5018198"   "5027117").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/04/02 15:37
S28 7	15	("4499547").URPN.	USPAT	OR	OFF	2008/04/02 15:37
S28 8	6	("3828175"   "3949162"   "4298887"   "4303984"   "4317134"   "4323977").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/04/02 15:37
S28 9	9	("5262873").URPN.	USPAT	OR	OFF	2008/04/02 15:37

## EAST Search History

S29 0	7	(scanning or scan) near (document or text) and (black or dark) same (lsb or last) near bits	US_PGPUB; USPAT; USOOR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/04/02 15:37
S29 1	32	(document or surface) and (black or dark) same (lsb or last) near bits	US_PGPUB; USPAT; USOOR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/04/02 15:37
S29 2	57	(black or dark) same (lsb or last) near bits	US_PGPUB; USPAT; USOOR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/04/02 15:37
S29 3	0	((black or dark) near (last) near bits) and ((white or bright) near (first) near bits)	US_PGPUB; USPAT; USOOR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/04/02 15:37
S29 4	0	((black or dark) near (lsb or last) near bits) and ((white or bright) near (msb or first) near bits)	US_PGPUB; USPAT; USOOR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/04/02 15:37
S29 5	5	((black or dark) near (lsb or last) near bits) or ((white or bright) near (msb or first) near bits)	US_PGPUB; USPAT; USOOR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/04/02 15:37
S29 6	197	((black or dark) same (lsb or last) near bits) or ((white or bright) same (msb or first) near bits)	US_PGPUB; USPAT; USOOR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/04/02 15:37
S29 7	59	((black or dark) same (lsb or last) near bits) or ((white or bright) same (msb or first) near bits) and (white near correction)	US_PGPUB; USPAT; USOOR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/04/02 15:37

## EAST Search History

S29 8	4	((black or dark) same (lsb or last) near bits) or ((white or bright) same (msb or first) near bits)) and (white near correction)	US-PGPUB; USPAT; USOOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/04/02 15:37
S29 9	9152	shading near correction	US-PGPUB; USPAT; USOOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/04/02 15:37
S30 0	2	S296 and S299	US-PGPUB; USPAT; USOOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/04/02 15:37
S30 1	759	shading near correction same white same black	US-PGPUB; USPAT; USOOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/04/02 15:37
S30 2	344	shading near correction same white same black and document	US-PGPUB; USPAT; USOOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/04/02 15:37
S30 3	149	shading near correction same white same black and document and bits	US-PGPUB; USPAT; USOOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/04/02 15:37
S30 4	6	("3800078"   "4129853"   "4200934"   "4212072"   "4499547"   "4523229").PN.	US-PGPUB; USPAT; USOOCR	OR	OFF	2008/04/02 15:37
S30 5	1610	358/406,443,463.ccls.	US-PGPUB; USPAT; USOOCR	OR	OFF	2008/04/02 15:37
S30 6	2870	(last or lsb) near bits and (first or msb) near bits	US-PGPUB; USPAT; USOOCR	OR	OFF	2008/04/02 15:37
S30 7	6	extract\$4 near (last or lsb) near bits and (first or msb) near bits	US-PGPUB; USPAT; USOOCR	OR	OFF	2008/04/02 15:37
S30 8	60	extract\$4 near (last or lsb) near bits or extract\$4 near (first or msb) near bits	US-PGPUB; USPAT; USOOCR	OR	OFF	2008/04/02 15:37

## EAST Search History

S30 9	60	(extract\$4 near (last or lsb) near bits) or (extract\$4 near (first or msb) near bits)	US-PGPUB; USPAT; USOCR	OR	OFF	2008/04/02 15:37
S31 0	26485	((last or lsb) near bits) or ((first or msb) near bits)	US-PGPUB; USPAT; USOCR	OR	OFF	2008/04/02 15:38
S31 1	6420	((last or lsb) near bits) or ((first or msb) near bits) and (shad\$3 near correct\$4) and image	US-PGPUB; USPAT; USOCR	OR	OFF	2008/04/02 15:38
S31 2	6420	((last or lsb) near bits) or ((first or msb) near bits) and (shad\$3 near correct\$4)	US-PGPUB; USPAT; USOCR	OR	OFF	2008/04/02 15:38
S31 3	103	(((last or lsb) near bits) or ((first or msb) near bits)) and (shad\$3 near correct\$4) and image	US-PGPUB; USPAT; USOCR	OR	OFF	2008/04/02 15:38
S31 4	77	(extract\$4 near ((last or lsb) near bits) or ((first or msb) near bits)) and (shad\$3 near correct\$4) and image	US-PGPUB; USPAT; USOCR	OR	OFF	2008/04/02 15:38
S31 5	77	(extract\$4 near ((last or lsb) near bits) or ((first or msb) near bits)) and ((shad\$3 near correct\$4) and image)	US-PGPUB; USPAT; USOCR	OR	OFF	2008/04/02 15:38
S31 6	0	((extract\$4 near (last or lsb) near bits) or (extract\$4 near (first or msb) near bits)) and ((shad\$3 near correct\$4) and image)	US-PGPUB; USPAT; USOCR	OR	OFF	2008/04/02 15:38
S31 7	9	((extract\$4 near (last or lsb) near bits) or (extract\$4 near (first or msb) near bits)) and (image)	US-PGPUB; USPAT; USOCR	OR	OFF	2008/04/02 15:38
S31 8	60	((extract\$4 near (last or lsb) near bits) or (extract\$4 near (first or msb) near bits))	US-PGPUB; USPAT; USOCR	OR	OFF	2008/04/02 15:38
S31 9	9570	((last or lsb) near bits) or ((first or msb) near bits) and compression	US-PGPUB; USPAT; USOCR	OR	OFF	2008/04/02 15:38
S32 0	8143	((last or lsb) near bits) or ((first or msb) near bits) and compression and image	US-PGPUB; USPAT; USOCR	OR	OFF	2008/04/02 15:38
S32 1	6384	((last or lsb) near bits) or ((first or msb) near bits) and compression and image and shaing same correction	US-PGPUB; USPAT; USOCR	OR	OFF	2008/04/02 15:38
S32 2	18	(((last or lsb) near bits) or ((first or msb) near bits)) and compression and image and shading same correction	US-PGPUB; USPAT; USOCR	OR	OFF	2008/04/02 15:38
S32 3	6397	((last or lsb) near bits) or ((first or msb) near bits) and compression and image and shading same correction	US-PGPUB; USPAT; USOCR	OR	OFF	2008/04/02 15:38
S32 4	0	higher near order near white near bits or (lower near order near black near bits)	US-PGPUB; USPAT; USOCR	OR	OFF	2008/04/02 15:38

## EAST Search History

S32 5	1	higher near order same white near bits or (lower near order near black near bits)	US_PGPUB; USPAT; USOOR	OR	OFF	2008/04/02 15:38
S32 6	423	higher near order same white near bits or (lower near ordersame black near bits)	US_PGPUB; USPAT; USOOR	OR	OFF	2008/04/02 15:38
S32 7	1	higher near order same white near bits or (lower near order same black near bits)	US_PGPUB; USPAT; USOOR	OR	OFF	2008/04/02 15:38
S32 8	5	((higher near order) or MSB or first) near white near bits) or (((lower near order) or LSB or last) near black near bits)	US_PGPUB; USPAT; USOOR	OR	OFF	2008/04/02 15:38
S32 9	0	((lower near order) or LSB or last) near black near bits)	US_PGPUB; USPAT; USOOR	OR	OFF	2008/04/02 15:38
S33 0	49	((lower near order) or LSB or last) same black near bits)	US_PGPUB; USPAT; USOOR	OR	OFF	2008/04/02 15:38
S33 1	1429	382/275.ccls.	US_PGPUB; USPAT; USOOR	OR	OFF	2008/04/02 15:38
S33 2	99	("5606321" "4571573" "5260561" "5268773" "5721830" "4491963" "4814877" "4888790" "4980778" "5237172" "5243445" "5331442" "5369423" "5517526" "5534916" "5572554" "5589954" "5625467" "5684842" "5712930" "5767991" "5808752" "5859712" "5870433" "5937232" "5987186" "5999275" "6031871" "6122406" "6198908" "4250488" "4255778" "4298807" "4352984" "4479194" "4524388" "4554583" "4583120" "4602291" "4806780" "4833533" "4838574" "4871896" "4873428" "4888492" "4906916" "4910467" "4926251" "4928230" "4961204").pn.	US_PGPUB; USPAT; USOOR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/04/02 15:38
S33 3	1429	382/275.ccls.	US_PGPUB; USPAT; USOOR	OR	OFF	2008/04/02 15:38
S33 4	33	image near fusion and image\$2 near rotation	US_PGPUB; USPAT; USOOR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/04/02 15:38

## EAST Search History

S33 5	1	image near fusion and image\$2 near rotation same offset	US-PGPUB; USPAT; USOOR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/04/02 15:38
S33 6	2	image same fusion and image\$2 near rotation same offset	US-PGPUB; USPAT; USOOR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/04/02 15:38
S33 7	6	image same fusion and (image\$2 near rotat\$3) same offset	US-PGPUB; USPAT; USOOR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/04/02 15:38
S33 8	2	("6690839").PN.	US-PGPUB; USPAT; USOOR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/04/02 15:38
S33 9	2	("4343021").PN.	US-PGPUB; USPAT; USOOR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/04/02 15:38
S34 0	2	("4747146").PN.	US-PGPUB; USPAT; USOOR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/04/02 15:38
S34 1	2	("6859565").PN.	US-PGPUB; USPAT; USOOR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/04/02 15:38
S34 2	2	("6285410").PN.	US-PGPUB; USPAT; USOOR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/04/02 15:38

## EAST Search History

S34 3	2	("6016354").PN.	US-PGPUB; USPAT; USOOR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/04/02 15:38
S34 4	103	((((last or lsb) near bits) or ((first or msb) near bits)) and (shad\$3 near correct\$4) and image	US-PGPUB; USPAT; USOOR	OR	OFF	2008/04/02 15:38
S34 5	2870	((last or lsb) near bits and (first or msb) near bits	US-PGPUB; USPAT; USOOR	OR	OFF	2008/04/02 15:38
S34 6	5	"5041993"	US-PGPUB; USPAT; USOOR	OR	OFF	2008/04/02 15:38
S34 7	2	("5493643").PN.	US-PGPUB; USPAT; USOOR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/04/02 15:38
S34 8	2	("5325485").PN.	US-PGPUB; USPAT; USOOR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/04/02 15:38
S34 9	2	("5434629").PN.	US-PGPUB; USPAT; USOOR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/04/02 15:38
S35 0	2	("5371896").PN.	US-PGPUB; USPAT; USOOR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/04/02 15:38
S35 1	2	("5444709").PN.	US-PGPUB; USPAT; USOOR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/04/02 15:38
S35 2	2	("6526163").PN.	US-PGPUB; USPAT; USOOR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/04/02 15:38

## EAST Search History

S35 3	2	("6373529").PN.	US-PGPUB; USPAT; USCOR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/04/02 15:38
S35 4	23	tom near3 chang	US-PGPUB; USPAT; USCOR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/04/02 15:38
S35 5	233	((last or lsb) near bit\$2) or ((first or msb) near bit\$2)) and (shad\$3 near correct\$4) and image	US-PGPUB; USPAT; USCOR	OR	OFF	2008/04/02 16:03
S35 6	234	((last or lsb) near bit\$2) or ((first or msb) near bit\$2)) and (shad\$3 near correct\$4) and image	US-PGPUB; USPAT; USCOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/04/02 16:03
S35 7	60	((extract\$4 near (last or lsb) near bits) or (extract\$4 near (first or msb) near bits))	US-PGPUB; USPAT; USCOR	OR	OFF	2008/04/02 17:09
S35 8	60	(((extract\$4 near (last or lsb) near bits) or (extract\$4 near (first or msb) near bits)))	US-PGPUB; USPAT; USCOR	OR	OFF	2008/04/02 17:09
S35 9	9	(((extract\$4 near (last or lsb) near bits) or (extract\$4 near (first or msb) near bits))). clm.	US-PGPUB	OR	OFF	2008/04/02 17:10